



The
ROSE
SOCIETY
OF ONTARIO
1935



Office

ROSE

SOCIETY

OF AMERICA

1905

The Vancouver
Press Society

Year Book
OF
THE ROSE SOCIETY
OF ONTARIO
1935



THE MACCOOMB PRESS
TORONTO

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Foreword

The 1935 Edition of the Year Book goes forward with the sincere hope of the Editor and the Directors that Rose satisfaction during the forthcoming season may be sufficient to compensate for the disappointments which we in the East all experienced in 1934. It is our aim to assist the members in any manner possible in solving their Rose problems, and they are invited, therefore, to suggest subjects which they wish to have discussed in the next Edition of the Year Book or in forthcoming issues of The Bulletin.

We desire once again to extend our sincere thanks to those who have assisted with the production of this publication, and to record our appreciation of the courtesy of the respective Editors of The National Rose Society's Annual and The Canadian Horticulture & Home Magazine in permitting us to reproduce useful articles which have previously appeared in those publications.

We also wish to direct the attention of the members to the advertisements which appear at the back of the Year Book, and to solicit their patronage on behalf of the advertisers without whose co-operation and support the publication of this book in its present form would not be possible.

A. J. WEBSTER,
Editor.

THE ANNUAL MEETING

The Annual Meeting of the Society was held in the Botany Building of the University of Toronto on Wednesday, December 5th, 1934, at 8.15 p.m.

The President of the Society, Mr. P. L. Whytock, occupied the Chair.

Minutes of Annual Meeting, December 7th, 1933

On motion of Mr. P. H. Mitchell, seconded by Mr. S. B. Brush, and carried, the Minutes of the last Annual Meeting, held December 7th, 1933, were taken as read.

President's Report

In reviewing the activities of the Society for the year, the President stated that while he could not consider 1934 as being one of the most successful years in the history of the Society, nevertheless, in a measure, it had been successful—not only successful—but also disappointing and tragic. Successful, in that the Society had retained most of its members, even although, after the disastrous results of last winter, they must have considered the question of whether or not they would ever attempt again to cultivate roses. Disappointing, for this year, for the first time in 21 years since the commencement of the Society, there was no Annual Rose Show. He felt this was a keen disappointment to the members and a decision reluctantly made by the Directors of the Society. Tragic, because in the early part of the year, the Society sustained the loss of one of its most enthusiastic members—the late Mr. Paul B. Sanders. The untimely death of Mr. Sanders was a distinct loss to the Society.

In concluding his report the President referred to the large attendance at the Spring meeting of the Society, indicating continued interest. Finally, he expressed his thanks to the Directors for their co-operation throughout the year.

Financial Report

Col. A. E. Nash, Chairman of the Finance Committee, presented the Financial Report of the Society for the year ending November 30th, 1934, also a comparative statement



KAREN POULSEN (H. Poly.)

of receipts⁽⁷⁾ and payments for the past five years. In discussing the Report, he pointed out that expenditures exceeded revenues by \$186.01. In order to cover the shortage \$129.16 was borrowed from the Reserve Account of the Society. He urged the members to pay their dues promptly and that an active campaign for new memberships be started in order that the work of the Society be carried on with renewed vigor.

Col. Nash moved the adoption of the Report, which motion was seconded by Mr. Brush, and carried.

For full details of the Financial Report see the Auditors' certified statement, following.

Report of Membership Committee

In presenting the Membership Committee's Report, Mrs. A. Alan Gow, Chairman, pointed out the difficulties encountered during the year to obtain new members. The heavy loss of Roses during the Winter of 1933-1934 necessitated the cancelling of the Annual Rose Show, the Show always being an occasion for obtaining and renewing membership. During the year there were 99 new members, 13 sustaining and 3 life members received into the Society.

Report of Programme Committee

Mr. P. H. Mitchell, Chairman, outlined the various activities during the year, particularly mentioning the excellent Spring meeting held in the Royal York Hotel and the visit to the Sheridan Nurseries in August.

Election of Directors

Mr. A. J. Webster, Chairman of the Nominating Committee, read the Committee's Report. There were no additions and the following were elected Directors for the year 1935:—Mr. S. B. Brush, Mr. J. M. Catto, Mr. E. F. Collins, Mr. C. W. Cruickshank, Mrs. A. A. Gow, Miss E. M. Harcourt, Mr. C. A. G. Matthews, Mr. P. H. Mitchell, Mrs. H. Napier Moore, Col. A. E. Nash, Dr. A. H. Rolph, Col. Hugh A. Rose, Mr. J. E. Sampson, Mr. Leon Smith, Prof. A. H. Tomlinson, Mrs. H. V. Tyrrell, Mr. John R. Walsh, Miss H. A. Webster, Mr. P. L. Whytock, Mrs. J. Lockie Wilson.

Appointment of Auditors

On motion of Mr. C. W. Cruickshank, seconded by Mrs. A. A. Gow, and carried, Mr. G. C. T. Pemberton and Mr. L. A. Winter, were re-appointed Auditors of the Society for 1935.

Address—"Plant Diseases and Winter Killing"

A most interesting lecture was given by Dr. D. L. Bailey, Professor of Plant Pathology, Department of Botany, University of Toronto, on "Plant Diseases and Winter Killing." Dr. Bailey illustrated his lecture by lantern slides, and emphasized the importance of the time factor in dealing with fungus diseases of Roses. Regardless of the fungicide employed—and there are several preparations which are effective—applications must commence shortly after the appearance of the new foliage, and must be repeated at short intervals, preferably before rainfalls, throughout the growing season. The speaker pointed out the futility of attempting to "cure" Black-Spot after the disease had gained headway in the garden but stated that it can be prevented by persistent effort, provided the control measures be adopted early in the season. As an aid in bringing about the desired result Dr. Bailey also urged the removal and destruction of fallen Rose leaves, which, of course, if allowed to remain on the beds are certain to infect the top-soil and thus render the task of the gardener more formidable. Dr. Bailey in his address, also stressed the desirability of keeping the plants growing vigorously without interruption or check throughout the summer, thereby assisting them to develop resistance to disease and enabling them to withstand the rigors of the winter season.

On behalf of those present, Col. A. E. Nash thanked Dr. Bailey for his address. Dr. Bailey was asked to convey the thanks of the Society to Prof. R. B. Thomson for his kindness in granting the use of the Botany building for the Annual Meeting.

There was no further business and the meeting was adjourned. Afterwards the members of the Society visited the greenhouses of the Botany Building.

J. M. PHILP,
Secretary.

THE LATE PAUL B. SANDERS

By A. J. Webster

Horticulture in Canada suffered a loss of catastrophic proportions with the passing at Guelph, Ontario, on 26th June, of Paul Bernard Sanders, at the early age of thirty-six years. His death is a particularly serious blow to The Rose Society of Ontario, of which organization Mr. Sanders was one of the most enthusiastic and indefatigable supporters. He has been a Director of the Society for the past nine years during which period he laboured unceasingly in promoting its welfare. He acted as Secretary of the Society for a time, and later as Editor of the Year Book for a two-year period. He was an ardent advocate of a policy of improvement and extension of the Rose service rendered to members, and as a result of a discussion upon this point it was decided some six years ago to issue Bulletins periodically, in which would be embodied information of timely interest to members. Mr. Sanders edited the Bulletins most capably from the inception of that service until 1932. He was also Chairman of the Membership Committee for five years in which field of endeavour he displayed such energy and zeal that the membership made substantial growth. Latterly, his efforts have been directed largely toward the development and management of the Test Garden which is now known throughout the Rose-growing world.

As is well known, Mr. Sanders has been for several years in charge of Floriculture at the Ontario Agricultural College at Guelph, and his loss there will be very keenly felt. In his relatively short life-time he succeeded in establishing for himself a Continent-wide reputation as an authority on Floriculture in its many branches, but especially as it relates to Roses and Irises. His work was also his hobby, and no personal sacrifice was considered too great where benefit to Floriculture was the object.

I have been in very close touch with Mr. Sanders for the past nine years, and very few weeks have passed within that period without correspondence having passed between us. The sense of personal loss is a very real one and I shall always cherish the memory of one of the happy associations of my life. The sympathy of the entire membership of our Society, I am sure, will be extended to Mrs. Sanders in her hour of sorrow.

As a means of perpetuating the memory of Mr. Sanders in the Society which he loved so well, and which he served so faithfully, it was decided to place in competition at the Annual Rose Show a trophy to be known as The Paul B. Sanders Memorial Trophy. This Perpetual Challenge Trophy will be competed for in Class 12—the class for Roses of recent introduction. While Mr. Sanders was interested in all Roses, his particular concern was with experimentation and adventure with novelties, and it was felt by the Directors, therefore, that had it been possible for Mr. Sanders himself to have indicated a choice of classes for the Trophy he would have selected Class 12. It is hoped that the members will do honour to his memory by engaging in keen and friendly competition for possession of the new Trophy. He would not have had it otherwise.

REPORT OF MEMBERSHIP COMMITTEE

In submitting the annual report of the Membership Committee we wish to point out that during the past year we worked under extreme difficulties. The heavy loss of Roses last winter made it necessary for the Society to cancel plans for the Twenty-first Annual Rose Show and the cancellation of the Show seriously affected our efforts to maintain the membership standard of previous years. We are not discouraged, however, with the final result, and we feel that had we not received such a set-back we would have achieved—or exceeded—our objective. We have turned our backs on the past and are looking forward to the coming years with keen anticipation and firm determination to restore the membership to its former level. Much credit is due to the members of the Committee for their persistent effort and complete co-operation under trying circumstances. Special mention should also be made of the splendid work done by the Finance Committee whose efforts resulted in a substantial increase in the number of Sustaining Members.

The standing of the membership is as follows:

	Paid Up	Arrears	Total	New	Withdr'ls
Ordinary.....	744	203	947	99	44
Sustaining.....	30	1	31	13	2
Life.....	66	—	66	3	—
Honourary Life	5	—	5	—	—
Affiliations.....	3	8	11	—	—
	848	212	1,060	115	46

MRS. A. ALAN GOW, Chairman

REPORT OF THE FINANCE COMMITTEE

TORONTO, 5th DECEMBER, 1934

The President and Members,
The Rose Society of Ontario.

Mr. Seely B. Brush, the Honorary Treasurer of the Society, has prepared and will present the annual financial statement of the Society for the year ending 30th November, 1934. As Chairman of the Finance Committee I have drawn up and present herewith five (5) copies of a comparative statement of receipts and payments for the past five years on which is also shown the budget figures for the past year.

Expenditures made during the year exceeded revenues by \$186.01, and at 30th November there is an overdraft on general account of \$105.75. In order to finance this, borrowings were made from the Reserve Fund, and at 30th November, 1934, the amount owing from general account to the Reserve Fund Account amounted to \$129.16, of which only \$23.41 is available in the current bank account. The balance will have to be repaid out of next year's revenues out of which the current year's expenditures must also be paid. In addition the Finance Committee should also endeavour to build up a surplus each year.

Receipts in total for the year were very much less than budgeted, due to the following reasons:

- (a) A further recession in ordinary membership dues—the actual receipts being \$206. less than budgeted and \$122. less than the actual receipts for the previous year.
- (b) No exhibition was held this year and the contemplated receipts from this source were of course not available. On the other hand, no disbursements were made for exhibition purposes.
- (c) The budgeted receipts from the year book were \$250.47 less than budgeted and \$147.22 less than in the previous year. Offsetting this to a certain extent was a decrease in the cost of the year book. The actual cost was \$140.96 less than budgeted and \$106.20 less than in the previous year.

During the year \$50 was received from life membership fees, and this amount, together with \$85 from Prize Fund

Contributions, was deposited in the Reserve Fund Account. As previously indicated, however, it was found necessary to borrow \$129.16 from the Reserve Fund for current expenditures.

I would urge members to pay their dues promptly and that an active campaign for new memberships be started in order that the work of the society can be carried on.

I think that Mr. Brush is to be congratulated on his work as Treasurer during a difficult year.

A. E. NASH,
Chairman.

FINANCIAL REPORT, NOVEMBER 30th, 1934

RECEIPTS

Sustaining Members.....	\$ 150.00	
Ordinary Members.....	744.00	
Affiliated Society.....	5.00	
		\$ 899.00
Life Members.....	\$50.00	
Prize Donations.....	85.00	
(Transfer to Reserve)		135.00
Year Book.....		399.53
Bank Exchange Remitted.....		1.86
Exhibition 1933 Tickets.....		7.00
Reserve Fund (Maccoomb).....		129.16
Total receipts.....		\$1,571.55

DISBURSEMENTS

Exhibition (Storage).....	\$ 37.00
Affiliation Expense.....	5.35
Annual Meeting.....	30.60
Postage.....	63.50
Stationery.....	111.42
Honorariums.....	287.50
Sundry.....	20.05
Bank Exchange and Stamps.....	5.45
Year Book.....	559.04
Bulletin.....	127.21
Test Garden.....	167.16
Program.....	63.12
Special Letters.....	16.00
Transfer to Reserve Fund.....	135.00
Total disbursed.....	\$1,628.40

SUMMARY

Balance, December 1st, 1933.....	\$ 80.26
Total Receipts.....	1,571.55
	<u>\$1,651.81</u>
Total Disbursed.....	1,628.40
	<u>\$ 23.41</u>
Bank Balance, November 30th, 1934.....	\$ 23.41

RESERVE FUND

Balance, November 30th, 1933—	
Life Fund.....	\$ 243.77
Exhibition.....	99.73
Interest.....	8.41
Transfer Life Receipts.....	50.00
Transfer Prize Donations.....	85.00
	<u>\$ 486.91</u>
Maccoomb Press.....	129.16
	<u>\$ 357.75</u>
Bank Balance.....	\$ 357.75

Audited, December 3rd, 1934.

L. A. WINTER

G. C. T. PEMBERTON

S. B. BRUSH,

Hon. Treasurer

THE ROSE TEST GARDEN, 1934

It is with regret that we have to record that in the havoc wrought by the winter of 1933-4 the Roses in the Society's Test Garden did not escape. The loss amounted to approximately thirty per cent of the total planting, and much of that loss was confined to the newly-planted Roses which apparently were not sufficiently well established to have developed as much resistance as their older neighbors.

Statistics compiled by the late Mr. Sanders showing the details of the winter losses are presented herewith:

Year	Number Planted	Number Deceased Prior to Nov. '33	Number Winter-killed in 1933-34	% Winter- killed in 1933-34
1931.....	450	107	40	11.66%
1932.....	417	111	123	40.2 %
1933.....	416	83	165	49.55%
Climbers.....	123	0	7	4.69%
	<u>1,406</u>	<u>301</u>	<u>335</u>	<u>30.31%</u>

The effects of the winter and of the drought which persisted for six weeks in May and June of 1934 resulted in poor average growth in the early portion of the growing season, and upon the occasion of the June inspection the members of the Judging Committee were not favourably impressed with any of the candidates for honours. Later in the season, however, copious rains brought about vigorous growth and abundant bloom of improved quality. As a result of the September inspection it was decided to award two Certificates of Merit, one to the beautiful yellow Hybrid Tea, Lilian, originated by Messrs. B. R. Cant & Sons, Limited, Colchester, England, and a second to the brilliant Hybrid Polyantha, Feuerschein, from the nurseries of Max Krause, Hasloh, Holstein, Germany. No variety planted prior to the spring of 1934, and which had not already received recognition, was considered sufficiently meritorious to be deserving of the highest award, the Society's Gold Medal.

It was observed that many of the Roses planted in 1934 were producing freely bloom of excellent quality, and the task of judging these in 1935 promises to be both difficult and interesting. It is our hope to issue to the members in October in one of the regular Bulletins a report on the more promising of these new Roses which will serve as a guide in making selections for planting in the spring of 1936.

THE SUMMER PROGRAMME, 1934

Among the activities of the Society in 1934 were visits to the garden of The Royal Canadian Yacht Club, Toronto Island, and to the famous establishment of Sheridan Nurseries, Limited, located near Clarkson, Ont. The Rose garden at the Yacht Club, in common with others, suffered severely from the effects of the previous winter, but the newly-planted Roses were already making a brave show in July. The collection of conifers in all stages of development—from tiny seedlings to mature trees—on the premises of Sheridan Nurseries, Limited, was a subject of much favourable comment among the visiting members of the Society, in addition, of course, to the display of Roses. We are much indebted to the Commodore and Officers of The Royal Canadian Yacht Club and to Sheridan Nurseries, Limited, for their generous hospitality.

P. H. MITCHELL,
Chairman, Programme Committee.



MRS. HENRY MORSE

THE SUMMER EXHIBITION PRIZE LIST, 1935

NOTE:—All Roses in competition should be correctly and legibly named.

CLASSES

PROFESSIONAL COMMERCIAL (INDOOR ROSES)

NOTE:—All blooms in competition in Class I, to be one pinch.

1. Vase of 25 Roses, any variety.....
2. Vase of 50 Roses, any variety.....
3. Bridal Bouquet, not less than 24 or more than 36 Roses. Any foliage may be used.
RETAIL FLORISTS' SPECIAL
4. Display of Roses on table covering approximately 30 square feet, arrangement to count. Open to Civic, Community and Government Gardens and to Horticultural Societies in the Province of Ontario.
OPEN (Outdoor Roses)

5. Display of Roses on table covering approximately 30 square feet, arrangement to count in judging.
PROFESSIONAL (Outdoor Roses)

6. Twelve blooms, H.T.'s, separate varieties, correctly named, shown in R.S.O. boxes.
SEMI-PROFESSIONAL (Outdoor Roses)
7. Twenty-four blooms, correctly named, not less than six varieties, H.T. or H.P., shown in R.S.O. boxes.
8. Exhibit of Roses, not more than 36 or fewer than 12 blooms or sprays of any kind, shown in R.S.O. boxes.

PRIZES

FIRST	SECOND	THIRD
\$8.00 Non-competitive display	\$6.00 only.	\$4.00
Do.		
Challenge Trophy, Dunlop & Son, Ltd.	Silver Medal The R.S. of O.	Bronze Medal, The R.S. of O.
Challenge Trophy, Major H. B. Burgoyne	Do.	Do.
Silver Gilt Medal, The R.S.O. Do.	\$2.00.....	Diploma
	\$3.00.....	Do.
T. J. Moore Memorial Challenge Cup	\$3.00.....	Diploma

CLASSES	PRIZES	Diploma
9. Forty-eight H.P.'s, or 48 Teas, shown in R.S.O. boxes. OPEN (Outdoor Roses)	Challenge Cup, S. McGredy & Son	\$3.00
10. Ten Sprays of Climbing Roses (Climbing H.P.'s, H.T.'s, or T.'s excluded), to be shown in vases.	\$3.00	Do.
11. Ten Cream or White Roses to be shown in a vase.	Challenge Trophy, Kents, Limited	Do.
12. Exhibit of 6 New Roses, not over 5 years in commerce, correctly and legibly named, shown in individual vases. To qualify, blooms of 6 distinct varieties must be shown. Date of introduction not to be prior to 1930. SEMI-AMATEUR (Outdoor Roses)	Paul B. Sanders Memorial Trophy	Do.
13. Twelve H.P.'s, not less than six varieties, correctly and legibly named, shown in R.S.O. boxes. HYBRID PERPETUALS	Ella Baines Memorial Challenge Cup	Do.
14. Six H.P.'s, Red, correctly and legibly named, shown in R.S.O. boxes.	\$3.00	Do.
15. Six H.P.'s, Pink, correctly and legibly named, shown in R.S.O. boxes.	\$3.00	Do.
16. Six H.P.'s, White or Cream, correctly and legibly named, shown in R.S.O. boxes. AMATEUR (Outdoor Roses)	\$3.00	Do.
17. Three H.P.'s, one or more varieties, shown in a vase. HYBRID PERPETUALS	\$2.00	Do.
18. Six H.P.'s, one or more varieties, shown in a vase.	\$3.00	\$1.00

CLASSES		PRIZES	
NOVICE CLASS (Outdoor Roses). NOTE		A novice is an amateur who has never exhibited roses before.	
19. Six H.P.'s, one or more varieties, shown in a vase.		\$3.00.....	\$2.00.....\$1.00
SEMI-AMATEUR (Outdoor Roses) HYBRID TEAS			
20. Twelve H.T.'s, not less than six varieties, correctly and legibly named, shown in vases.		Challenge Cup, Fred. A. Kent	Diploma
21. Twelve H.T.'s, correctly and legibly named, shown in vases.		Challenge Cup, The Can. Bank of Commerce (Three year Challenge) Challenge Trophy, Miss Vera McCann	Do.
22. Six H.T.'s, Red, correctly and legibly named, shown in a vase.		\$3.00.....	Do.
23. Six H.T.'s, Pink, correctly and legibly named, shown in a vase.		\$3.00.....	Do.
24. Six H.T.'s, White or Cream, correctly and legibly named, shown in a vase.		\$3.00.....	Do.
25. Six H.T.'s, Yellow, correctly and legibly named, shown in a vase.		\$3.00.....	Do.
AMATEUR CLASSES (Outdoor Roses)			
(Amateurs may compete in any of the preceding classes.)			
26. Three H.T.'s, one or more varieties, shown in a vase.		\$2.00.....	Do.
27. Six H.T.'s, one or more varieties shown in a vase.		John H. Dunlop Memorial Trophy	\$1.00
28. Twelve H.T.'s, one or more varieties, shown in vases not necessary to be named.		Challenge Trophy, Ellis Bros. Ltd.	\$2.00
29. Twelve H.T.'s, correctly and legibly named, shown in vases.		Challenge Cup, H. Merry- weather & Sons Ltd.	\$2.00

CLASSES	PRIZES	
30. Specimen Bloom, any type other than Hybrid Perpetual, shown in a vase, length of stem and foliage to be taken into consideration.	\$1.00.....	Diploma
31. Specimen Bloom, Hybrid Perpetual, shown in a vase, length of stem and foliage to be taken into consideration.	\$1.00.....	Do.
NOVICE CLASSES (Outdoor Roses). NOTE: HYBRID TEAS	who has never exhibited roses before.	
32. Six H.T.'s, any color but Pink, shown in a vase	\$3.00.....	\$1.00
33. Six H.T.'s, Pink, any variety, shown in a vase	\$3.00.....	\$1.00
34. Specimen Bloom, H.T., shown in a vase, length of stem and foliage to be taken into consideration.	\$1.00.....	Diploma
SPECIAL NOVICE CLASS (For the Small Gardens)		
35. Exhibit of Roses, H.P. or H.T., shown in vases, exhibitor not to have over 30 bushes in his garden.	\$3.00.....	\$2.00
DECORATIVE CLASSES (Outdoor Roses)		
(Open to all members except commercial growers and florists).		
36. Most beautiful basket of Roses, 20 minimum, 30 maximum.	\$3.00.....	\$2.00
37. Roses to be arranged in a vase or bowl, not less than six varieties and not more than twelve blooms, any kind but Ramblers.	\$3.00.....	\$2.00
38. Bowl or Vase of H.T.'s, Red, not fewer than 9 or more than 15 blooms, arrangement to count.	\$3.00.....	\$2.00
39. Bowl or Vase of H.T.'s, Yellow, not fewer than 9 or more than 15 blooms, arrangement to count.	\$3.00.....	\$2.00

CLASSES		PRIZES	
40.	Bowl or Vase of H.T.'s, Pink, not fewer than 9 or more than 15 blooms, arrangement to count.	Challenge Trophy E. W. Beatty	\$3.00.....\$2.00
41.	Bowl or Vase of H.T.'s, Cream or White, not fewer than 9 or more than 15 blooms, arrangement to count.	Challenge Trophy The Hon. W. D. Ross	\$3.00.....\$2.00
42.	Bowl or Vase of Climbing or Rambler Roses, Pink (Climbing H.P.'s, H.T.'s and T.'s excluded), arrangement to count.	Silver Medal, The R.S. of O.	\$2.00.....\$1.00
43.	Bowl or Vase of Climbing or Rambler Roses, any color but Pink (Climbing H.P.'s, H.T.'s and T.'s excluded), arrangement to count.	Do.	\$2.00.....\$1.00
44.	Bowl or Vase of Polyantha Roses, single, arrangement to count.	Do.	\$2.00.....\$1.00
45.	Bowl or Vase of Polyantha Roses, double or semi-double, arrangement to count.	Do.	\$2.00.....\$1.00
46.	Basket of Roses, any size, arrangement to be considered.	Challenge Trophy, Ellis Bros. Ltd.	\$3.00.....\$2.00
47.	Small Basket of Roses, not to be higher or longer than 15 inches, including blooms.	Challenge Trophy, Major A. E. Nash, M.C.	\$3.00.....\$2.00
48.	Small Decoration of Roses (suitable for a 5 o'clock tea table or tea tray) to be arranged in a small vase or bowl, artistic arrangement and bloom to be considered.	Challenge Trophy, F. Barry Hayes	\$3.00.....\$2.00
49.	Bowl or Vase of Single Roses, arrangement to count.	\$5.00.....	\$3.00.....\$2.00
50.	Most beautiful Basket of Red Roses, any size, arrangement to count.	Challenge Trophy, Col. H. A. Rose	\$3.00.....\$2.00
51.	Most beautiful Basket of Pink Roses, any size, arrangement to count..	Challenge Trophy, King Edward Hotel	\$3.00.....\$2.00
52.	Most beautiful Basket of Yellow Roses, any size, arrangement to count.	American Rose Society's Silver Medal	American Rose Soc- iety's Bronze Medal
53.	Gentleman's Boutonniere.....	\$2.00.....	\$1.00.....Diploma

CLASSES	PRIZES
<p>54. Dinner Table Decoration, Roses only, must be grown by exhibitor, any foliage, flower receptacles to be supplied by the exhibitor, uniform tables and linen supplied by The R.S. of O. Service for 8 persons provided by Birks, Ellis, & Ryrie. Entries in this class must be sent to Mr. S. B. Brush, 32 Lowther Ave., Toronto, at least three days previous to the show.</p>	<p>Roseholme Challenge Trophy, Mrs. Walter H. Lyon</p> <p>\$3.00.....</p> <p>\$2.00</p>
<p>SPECIAL CLASSES</p>	
<p>(Open to all members except commercial growers and florists.)</p>	
<p>55. Specimen Rose with the finest fragrance</p>	<p>Bottle of Perfume, J. R. Kennedy</p> <p>\$2.00</p>
<p>56. Six fragrant Red Roses, H.T. or H.P., any variety, shown in a vase.</p>	<p>\$3.00.....</p> <p>\$2.00</p>
<p>NOTE:—The above two classes to be judged on a basis of 60 points for fragrance, and 40 points for color, form, substance, stem, foliage and condition.</p>	
<p>SPECIAL CLASS</p>	
<p>(OPEN TO AMATEUR WOMEN MEMBERS)</p>	
<p>57. Best Vase of Roses, must be grown and exhibited by a woman.</p>	<p>Challenge Trophy, Mrs. P. A. Thomson</p> <p>\$3.00.....</p> <p>\$2.00</p>
<p>BEST ROSE IN THE SHOW</p> <p>To be selected from any entry.</p>	<p>Challenge Trophy, P. H. Mitchell</p>
<p>SWEEPSTAKES PRIZE</p> <p>Winner of the highest aggregate score of points</p>	<p>Challenge Trophy, Harry Oakes</p>

SOME CAUSES OF FAILURE

By Eric W. Morse*

It seems inevitable that some Roses in our gardens should fail to grow well, or even at all; and try as we may, we get gaps in the Rose beds every year. While the cause of failure is sometimes obscure, often it could have been avoided with a little ordinary care.

The most common causes of failure that have come under my notice are:—

- 1.—Planting too deeply.
- 2.—Planting in old, heavily-manured beds.
- 3.—Intermixing with other plants and overcrowding.
- 4.—Unsuitable situation.
- 5.—Unfavourable soil conditions.
- 6.—Cockchafer grubs.

It is hardly necessary to consider here the more obvious troubles, such as prolonged drought, or attacks of insects, and diseases.

The British Rose grower will send you plants of good quality, healthy and fresh, and we must assume that they reach you in first-class condition, as nine times in ten they do.

Newly-planted Roses trouble us most, and generally from causes most easily avoidable.

The plants arrive, say on a Wednesday afternoon, a few minutes after the gardener has gone, and are promptly dumped in the shed to await the following Wednesday, when that worthy gentleman is expected to reappear with admirable punctuality, and a determination not to overstrain himself. But no, either the rain, rheumatism, or the new people in the next road, conspire to keep him from you, and the Roses must wait. When at last they are untied and planted they are probably dry, and already as good as dead.

This is no exaggerated instance, as I have met with it several times. A card or message to the Nursery would insure the plants arriving on the appointed day, and save so much inconvenience, disappointment and annoyance.

One is easily apt to forget that the Rose is a living thing, continually in a state of transpiration, and that losses cannot be made good when the plant is out of the ground. Every

*Of Woodbridge, England. Reproduced by the kind permission of the National Rose Society.

care must be taken to avoid the drying of the roots and stems. This does not mean they need pampering, far from it; the temperature in England is seldom, if ever, low enough to harm roses, and protective materials, such as straw and bracken, usually do more harm than good.

I have had opportunities of investigating the causes of failure in many cases, and am quite convinced that more Roses die, or do badly, through being planted too deeply than from any other cause.

The most unobservant planter can hardly fail to notice the depth at which the tree was growing in its former home; it was obviously successful and happy, yet it is, without hesitation, replanted at anything from three to twelve or more inches deeper, and expected to grow. How can it, with roots completely deprived of the air and warmth of the upper soil? Planters of standards and half-standards, in their efforts to maintain an even height for the plants, are especially guilty. The nurseryman will supply standards, if requested, to any required height.

One of the principal mistakes, and one which old and otherwise experienced Rose growers continually make, is the planting of roses in old beds which have been heavily manured each year. I refer to the filling up of gaps which very likely have been caused by the same trouble. That very common phrase, "Roses are gross feeders," is all very well, but it needs moderate and considered application. A Rose, or any other plant, can as easily be overfed and made unwell as a human being can. Plants that look fine and are growing vigorously sometimes begin to lose their freshness when starting to bloom, and turn a sickly yellow and die; often the trouble is overfeeding. The dead plant is removed, and a new one hopefully put in its place, which only suffers the same fate. When filling up gaps it is advisable to always remove a two-foot square of soil to a depth of two feet, and replace it with fresh material from another part of the garden; for the chances are that if the soil is not overfed of rich foods it is sour; at any rate it should be regarded with suspicion and replaced. The plant that died is not to be wholly blamed for being so disappointing.

Another common trouble is overcrowding. Not content with a bed of Roses, all sorts of other plants (very nice in their own place) are crowded in, and quite often all are dismal failures. I have actually seen catmint growing not merely around the plants, but up into and completely over them,

the owner being thoughtless enough to complain bitterly that her roses were not at all satisfactory.

Roses can be used quite well in a herbaceous border if planted with care and forethought; but do not expect much if they are surrounded at a distance of six or nine inches with thriving clumps of *Alstroemeria*, *Phlox* or *Physalis*. Give the Roses at least eighteen or twenty-four inches clear space, and keep it clear.

Planting Roses in a totally unsuitable situation, although not very common, is often done. I have in mind those optimists who plant directly under big trees, or in dark shrubberies, and all such cold, sunless places. Unfavourable soil conditions account for a number of failures, yet the essentials, once understood, are usually obtainable without great difficulty. To thrive and grow, a Rose must be in soil where conditions are, briefly, as follows: There must be enough carbonate of lime, a reasonable percentage of nitrogen, phosphoric acid and potash, an abundance of nitrifying organisms, and enough sand to ensure a friable, aerated, easily worked tilth, with plenty of moisture, but good drainage.

Lack of one or more of the chemical constituents will not cause immediate failure; indeed, the plants may do moderately well for a few months, and then slowly fade and die; but if the physical conditions are wrong, the trees often will not grow at all.

Soil that is very light and sandy is not retentive of moisture, and no amount of rain or watering will replace the humus that must be added to give success. Heavy wet soils are just as bad in their way, the effect being similar to too deep planting. In a wet soil the roots are not only cold, but are deprived of air. I have seen Roses taken up after three or four years of miserable existence in cold, wet soil, with roots no bigger nor more extensive than when they were planted,—less, in fact, because the fibrous rootlets had rotted away.

The old idea that Roses must have clay is largely responsible for this, good Rose soil often being completely spoiled by adding quantities of this useless material. If the top soil is rather shallow, the plants will grow quite well for, perhaps, two years, then the roots encounter the clay, and at once the whole system is hampered, often with disastrous results. If your material subsoil is cold, wet clay, take it out, or try to get it broken up, drained thoroughly, and aerated by adding burned earth or decayed stable manure.

When a flourishing rose suddenly flags and dies during the summer, the trouble is often the work of the cockchafer larvae which, if a tree is gently lifted, will be found curled among the roots, steadily and methodically eating them away. A number of these pests moving, as they do, from plant to plant, will do a lot of damage. On a large area they are extremely difficult and expensive to exterminate, but in a small one they can be checked by lifting affected plants and destroying any larvae found, or at the earliest opportunity digging out and completely replacing the soil in the bed. Chemical means may be employed, too, powdered naphthaline being the best.

These notes have been written in the hope that the percentage of failures will be reduced to a minimum where they are within our control. To close, may I repeat the three important points:—

1.—First get the soil in a right condition.

2.—Plant to the same depth as the tree was previously growing.

3.—Do not overcrowd with Catmint, Aubretia, Violas, Antirrhinums, Nasturtiums, but keep the Roses in beds by themselves.

SONG OF AN ANCIENT HEDGER

"I'm slow, they say, in body and soul,
I live in a lone, forsaken hole.
I know the lore of brooks and ponds,
Of thorns and briars and withy wands.

And I have friends of feather and fur,
One brown mouse and kingfisher.
The blind worm knows me—so I think,
The robin shares my meat and drink.

And many a venturous foal would stray,
And many a lamb would lose its way,
And many a yearling would be gone
If it were not for Hedger John.

Some folks will nod, and some will stare
And never see me—still I'm there;
And in Spring dusk or Winter gloom
I have a star to light me home."

—Fay Inchfawn

SUCCESS WITH STANDARD ROSES

By A. J. Webster

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When one considers the distinctiveness and added charm which Standards (Tree Roses) lend to the rose garden, it is indeed surprising that they are not more extensively used. Possibly their initial cost is a factor—especially under prevailing economic conditions—in deterring rose growers from planting Standards, and in cases where the cost is a matter of importance I would suggest the use of Half-Standards. The latter, as a matter of fact, are more appropriate for small gardens, the difference being a variation of about one foot in the length of the briar stem, and their cost is considerably less than that of the full Standards.

It must be admitted that a formal garden, be it large or small, composed of beds of Hybrid Teas, no matter how colorful, will convey an impression of flatness which must be relieved in some manner. Frequently this is accomplished by the use of some central object of interest having height, such as a fountain, a sun dial or even a bird bath. It could also be done with telling effect by planting a full Standard in the centre and surrounding it with four Half-Standards. These tree roses may also be advantageously used at intervals of, say, eight or ten feet in the outside or border beds, in which case their height creates an illusion of an amphitheatre around an arena of bush beds. Standards also produce a charming effect if used as lawn specimens but I would suggest that their employment for this purpose be not overdone, as otherwise much of the novelty effect will be lost.

The pre-planting preparation and cultural requirements for Standards are similar to that recommended for the dwarf types with certain exceptions which I shall discuss. One of the greatest dangers to the well-being of Standards is wind, and it is imperative, therefore, that they be supported. If stakes of wood are used for this purpose they should be replaced at intervals of three or four years as the wood will rot below the soil surface. Iron pipe is more durable but somewhat more expensive. The height of the support above the surface should correspond with the height of the briar stem, and the latter must be tied securely in several places to the support. It is desirable that injury to the bark of the stem—which would occur as a result of rubbing against the

support—be prevented by the use of a piece of rubber, cloth or other protective material at the points of contact. The support should be driven into the ground firmly **before** the Standard rose is planted, not afterwards. This procedure will eliminate the risk of damage to the root system. It is well to avoid deep planting of Standards. The depth should correspond with the soil mark—left when the tree has been lifted in the nursery—which is usually easily discernible about six inches above the root. Newly planted Standards, as well as dwarfs, should be pruned severely, but in subsequent years I would recommend only the removal of weak, diseased, injured or twiggy growth, since the principal object in planting Standards is to obtain garden colour effect rather than a few fine specimen blooms.

Many growers shrink from planting Standard roses because of the imagined risk of winter losses, but my experience indicates that losses are negligible if reasonable precautions be taken at the proper time. The safe plan is that of burying the heads in soil, and, with a little experience, this operation will require only five minutes per tree. A hole should be dug at a distance from the tree corresponding to its height. The soil surrounding the tree should then be loosened with a garden fork, the stem untied from its support and gradually bent downwards. Should the stem resist, do not force it as there is grave risk of breaking the briar. Rather loosen the earth at somewhat greater depth, applying pressure again to the stem very gently until the head will fit into the prepared depression in the soil. The head should then be completely covered with soil. By following the above method I have never lost a Standard rose through winter-killing, but I have suffered losses of plants protected merely by wrapping the heads with burlap and straw, which latter method is occasionally recommended. It might be argued that my method must cause disturbance to the root system, and my answer is that my Standards invariably are in bloom earlier than their dwarf brethren!

Weeping Standards, or climbing roses budded on briar stems five to seven feet in height, are very effective when established, but they require too much space to justify their use in small gardens. Moreover, they require several years to become established, and the Wichuraiana hybrids, which are most suitable for the purpose because of their naturally drooping habit, bloom only for a period of from two to three weeks in June and July. The Weeping Standards, also, must

be laid down in winter and the completion of this operation constitutes a serious problem in gardens where space is at a premium.

With respect to the selection of varieties I do not regard exhibition types as suitable for use as Standards, as, while, they produce bloom quite equal in quality to that produced by the dwarf forms of the same varieties, the blooms are too few in number to give the desired garden effect. Weak growers, also, should not be employed as Standards since height renders their lack of vigor more conspicuous. The following varieties may be safely recommended as likely to give satisfactory results if given reasonable cultural attention, and detailed descriptions of these sorts may be obtained in any comprehensive rose catalogue: Aureate, Barbara Robinson, Betty Uprichard, Canary, Caroline Testout, Charles P. Kilham, Cherry, Edith Nellie Perkins, Emma Wright, Etoile de Hollande, Frederico Casas, Feu Joseph Looymans, Flamingo, Gaiety, Gipsy Lass, Grenadier, Hawlmark Crimson, Hortulanus Budde, J. C. Thornton, K. of K., Lady Pirrie, Lady Sylvia, Lamia, Mme. Abel Chatenay, Mme. Butterfly, Mme. Edouard Herriot, Margaret McGredy, Mev. G. A. Van Rossem, Miss C. E. Van Rossem, Mrs. Sam. McGredy, Ophelia, Portadown Fragrance, Red Letter Day, and Ville de Paris.

OBSERVATIONS REGARDING DISEASE RESISTANCE

By Leon L. Smith

Success with Roses in the garden is dependent upon several contributing factors such as soil, drainage, location and culture.

The individual characteristics inherited in the plant are similarly of great importance and are governing factors in the final development of good roses in the garden. Chief among these characteristics, in my mind, are vigour and the individual variety's resistance to black spot and mildew.

Recognizing the importance of these three factors in the final success of roses in the garden, an attempt is made below to classify a number of the Hybrid Tea varieties generally in commerce under these headings. This chart has been pre-

pared from the study of each variety annually for a five-year period (with the exception of a few not in commerce that long).

It may be argued that soil, location, climatic conditions, care, root stock, etc., are the chief influencing factors of vigour and resistance to the two rose diseases above named. The observations noted below, however, have been made in a nursery where acres of plants are grown side by side and where conditions regarding soil, culture, root stock are very uniform. It is natural to expect, therefore, that where differences show up under these conditions, it represents characteristics inherited in the individual variety. In due fairness, it may be stated that all roses in question have been budded on multiflora japonica stock and given the best scientific care possible.

Varieties low rated in the different classifications should not totally condemn the variety as the merit of the bloom may justify just a little extra attention.

With a view of helping to arrange varieties in beds according to vigour, that is, tallest at the back, less vigorous ones in front, etc., and as a further guide to those varieties that are more or less affected with mildew and black spot, this chart is respectfully submitted.

KEY:

Vigour	Resistance to Black Spot	Resistance to Mildew
IV—Very vigorous	XXX—Most resistant	XXX—Most resistant
III—Vigorous	XX—Average	XX—Average
II—Moderately	X—Least resistant	X—Least resistant
I—Weak	of varieties compared.	of varieties compared.

	V	M	BS
Admiration.....	III	XX	XX
Angele Pernet.....	II	XXX	XXX
Andre Roux.....	II	X	X
Aphrodite.....	III	XXX	XXX
Attraction.....	I	X	X
Augustus Hartmann.....	III	XXX	XX
Avoca.....	IV	XXX	XXX
Baroness S. H. Von Dedem.....	II	XX	XXX
Becky.....	III	XXX	XXX
Betty Uprichard.....	III	XX	XX
Betty.....	III	XX	XXX
Briarcliff.....	III	XXX	XXX
Caledonia.....	II	XX	XX
Captain F. S. Harvey-Cant.....	III	XXX	XX
Chas. P. Kilham.....	II	XXX	XXX
Chas. K. Douglas.....	III	XX	XXX

	V	M	BS
Chateau de Clos Vougeot.....	I	XXX	XX
Christine Prior.....	II	X	XX
Cecil.....	III	XX	XX
Christine.....	II	XXX	XXX
Cherry.....	II	XX	XX
Clarice Goodacre.....	III	XX	XXX
Conqueror.....	II	XX	XX
Countess Vandal.....	III	X	X
Cuba.....	III	XX	XX
Dainty Bess.....	IV	XXX	XXX
Dame Edith Helen.....	III	XX	XX
Desmond Johnston.....	II	XX	X
Duchess of Athol.....	III	XXX	XXX
Duchess of York.....	III	XXX	XX
Diadem.....	II	XX	XX
Doris Trayler.....	II	XX	XX
Duchess of Wellington.....	III	XXX	XX
Earl Haig.....	III	XX	XXX
Edith Nellie Perkins.....	III	XXX	XX
E. G. Hill.....	III	XXX	XXX
E. J. Ludding.....	III	XXX	XXX
Elizabeth of York.....	IV	XXX	XXX
Elvira Aramayo.....	III	XX	XX
Etoile de France.....	III	XX	XXX
Etoile de Hollande.....	III	XXX	XXX
Everest.....	IV	XX	XXX
Federico Casas.....	III	XX	XX
F. J. Looymans.....	II	XXX	XX
Florence L. Izzard.....	II	XX	XX
Florex.....	II	XX	XX
Francis Scott Key.....	III	XX	XX
Gaiety.....	II	XX	XX
Gloire de Steinfurth.....	III	XX	XX
Gen. MacArthur.....	III	XXX	XXX
Geo. C. Waud.....	II	XX	XX
Geo. Dickson.....	III	XXX	XXX
Golden Ophelia.....	II	XX	X
Gorgeous.....	II	X	XX
Gruss an Teplitz.....	III	XXX	XXX
Grenadier.....	II	XX	XXX
General-Superior A. Janssen.....	III	XX	XX
Hadley.....	III	XX	XXX
Hawlmack Crimson.....	III	XXX	XXX
H. V. Machin.....	III	XXX	XXX
Hortulanus Budde.....	III	XX	XXX
Irish Charm.....	III	XX	XX
Irish Fireflame.....	III	XX	XXX
Independence Day.....	III	XXX	XX
Ivy May.....	III	XX	XX
Jonkheer J. L. Mock.....	III	XX	XX
John Russell.....	III	XX	XX
John Davidson.....	III	XX	XX
Joanna Hill.....	III	XXX	XXX
J. G. Glassford.....	IV	XX	XXX

	V	M	BS
Julien Potin.....	II	XX	XX
June Boyd.....	III	XXX	XXX
Julia Countess of Dartrey.....	IV	XXX	XXX
Jules Jaujard.....	IV	XXX	XX
Kaiserin Aug. Victoria.....	III	XX	XXX
Killarney.....	III	XX	XX
Killarney Brilliant.....	III	XX	XX
Killarney White.....	II	XX	XX
K. of K.....	III	XXX	XXX
La France.....	III	XX	XX
Lady Alice Stanley.....	III	XX	XXX
Lady Ashtown.....	III	XX	XX
Lady Dixon Hartland.....	III	XXX	XX
Lady Hillingdon.....	II	XX	XX
Lady Inchiquin.....	II	XX	XX
Lady Pirrie.....	III	XXX	XXX
Lady Roundway.....	II	XX	X
Lady Margaret Stewart.....	III	XXX	XX
Lady Wakefield.....	II	XXX	XXX
Lady Fairfax.....	III	XX	XXX
Lady Helen Maglona.....	III	XX	XXX
Lady Forteviot.....	II	XXX	XXX
Laurent Carle.....	II	XX	XX
Lieut. Chaure.....	II	XX	XX
Los Angeles.....	III	XX	XX
Lord Charlemont.....	III	XX	XX
Lord Castlereagh.....	III	XX	XXX
Lucie Marie.....	III	XX	XXX
Mme. Abel Chatenay.....	III	XXX	XXX
Mme. Butterfly.....	III	XXX	XX
Mme. Caroline Testout.....	III	XX	XX
Mme. Edouard Herriot.....	II	XX	XX
Mme. Jules Bouche.....	III	XX	XX
Mme. Segond Weber.....	III	XX	XXX
Mme. Leon Pain.....	III	XX	XX
Mary Hart.....	III	XX	XX
McGredy' Scarlet.....	III	XXX	XXX
Margaret McGredy.....	III	XXX	XXX
Mabel Lynas.....	II	XX	X
May Wettern.....	III	XX	XX
Marion Cran.....	III	XXX	XX
Mary Merryweather.....	III	XXX	XXX
Margaret Dickson Hamill.....	III	XX	XX
Ma Fiancee.....	II	XX	X
Martha Drew.....	III	XX	XXX
Margaret M. Wylie.....	III	XX	XXX
Mev. G. A. van Rossem.....	III	XX	XX
Miss C. E. Van Rossem.....	III	XXX	XX
Miss Rowena Thom.....	III	XXX	XX
Mrs. Aaron Ward.....	II	X	X
Mrs. A. R. Barraclough.....	III	XX	XX
Mrs. Chas. Russell.....	III	XXX	XXX
Mrs. C. W. Edwards.....	III	XX	XX
Mrs. E. P. Thom.....	II	XX	XX

	V	M	BS
Mrs. Henry Morse.....	III	XX	XX
Mrs. Herbert Stevens.....	III	XX	XX
Mrs. Henry Bowles.....	III	XX	XX
Mrs. H. R. Darlington.....	III	XX	XX
Mrs. J. H. Welch.....	III	XX	XXX
Mrs. F. R. Pierson.....	III	XX	XX
Mrs. S. Paton.....	III	XX	XX
Mrs. Sam McGredy.....	III	XXX	XXX
Night.....	I	XX	XX
Norman Lambert.....	III	XXX	XX
Ophelia.....	III	XXX	XX
President Hoover.....	III	XX	XX
Pharisaer.....	III	XX	XXX
Pink Pearl.....	III	XXX	XXX
Polly.....	III	XXX	XXX
Premier Supreme.....	III	XX	XX
Portadown Bedder.....	II	XXX	XXX
Rapture.....	III	XXX	XXX
Rev. F. Page Roberts.....	II	XXX	XXX
Radiance.....	IV	XXX	XXX
Red Radiance.....	IV	XXX	XXX
Red Letter Day.....	III	XXX	XXX
Rosabel Walker.....	III	XXX	XXX
Roselandia.....	III	XX	XX
Rosehill.....	III	XXX	XXX
Severine.....	II	XXX	XX
Sensation.....	II	X	XX
Shot Silk.....	III	XXX	XXX
Souvenir de Claudius Pernet.....	III	XX	XX
Souvenir de George Beckwith.....	III	XX	XX
Souvenir.....	III	XX	XX
Souvenir de George Pernet.....	II	XX	XX
Sunburst.....	II	XX	XX
Sunstar.....	II	XX	XX
Talisman.....	III	XX	XX
The Queen Alexandra.....	III	XXX	XXX
Trigo.....	III	XXX	XXX
Una Wallace.....	IV	XX	XX
Victory.....	III	XX	XX
Ville de Paris.....	III	XXX	XXX
Wilhelm Kordes.....	II	XX	XX
Wm. F. Dreer.....	II	XXX	XXX
Willowmere.....	II	XX	XX
White Ensign.....	III	XXX	XX
Wm. A. Bilney.....	II	XX	XX

"God plucked a rose all dripping sweet
 With dewy down; all frail and cool
 With evening, as a new-made moon
 Asleep within a forest pool;
 He laid the rose at Nature's feet—
 And someone called it June."

—Emery Pottle

ROSES IN THE SHRUBBERY

By Prof. A. H. Tomlinson, Guelph, Ont.

All Roses may be classed as ornamental flowering shrubs; but usually, for shrubbery groups or specimens, it is the species or original types, their hybrids and varieties, that are used for such purposes. Ontario may boast of several species, and of these *Rosa blanda*, though but little planted, is par excellence. It is most beautiful with its hundreds of satiny, pink blossoms, followed by reddish hips in the autumn. The individual flowers are over one inch in diameter, and emit a delightful perfume. During winter the dormant growth is a glossy, deep red. I find that this species spreads rapidly and grows from three to five feet high. I scarcely know of any other shrub which, during the month of June, is more appealing than *R. blanda*, and I recommend it strongly. In winter, too, it is most striking, with its coloured twigs and hips against a background of conifers. The variety *Wilmottiae* of *R. blanda* has smaller leaflets and bright coral-pink flowers. It is also outstanding. I possess the first-named species, one which I dug up in a cedar swamp of a Guelph district. Other native forms, such as *R. palustris* and *R. nitida*, may be considered. The latter makes a very fine dwarf hedge, and produces bright crimson blossoms.

The Sweetbriar, or *eglanteria*, *R. rubiginosa*, a native of Europe, is persistent on the grounds of Ontario Agricultural College. When passing this bush of an evening in early summer, or following a shower, the perfume is enchanting; and often in dry, hot weather its scent is most bewitching. No Rose lover should be without a representative of it. Light pink single blossoms come along in the early season, followed by large, amber-coloured hips. The shrub is erect, growing like the English Dogrose, *Rosa canina*.

The Sweetbriar hybrids, or Lord Penance hybrids, ought to be better appreciated in this fair Province. In cold districts, however, it would be well to give them winter care. These plants produce prolifically, have beautifully tinted and toned blossoms, which have the same pleasing scent. The foliage, too, emits the typical Sweetbriar perfume. Most of the Penance hybrids have been grown for years, and the following varieties are the best known:

Amy Robsart.....lovely deep rose
Anne of Gierstein.....dark crimson

Brenda.....	maiden's blush
Flora McIvor.....	white flesh rose
Jeanie Deans.....	crimson
Lady Penzance.....	copper, base of pale yellow
Lord Penzance.....	soft shade of fawn, yellow to centre
Lucy Ashton.....	white, pink edges
Lucy Bertram.....	deep crimson
Meg Merrilees.....	brilliant crimson

The spreading Scotch Rose, *R. spinosissima*, and varieties thereof, have small, somewhat interlacing foliage, and are very striking. The blossoms, too, are most attractive in whites and pinks. In colder parts some protection is needed. The variety *altaica* is a most effective white-flowering shrub.

The colorful Austrian Briars are without parallel. *R. foetida* var. *bicolour* is especially exquisite, with its magnificent coppery-red blossoms. No Rose has a more forceful colour. At Guelph the plants are small, but they grow into large shrubs in the milder districts of the Province. The original species *R. foetida* has large flowers of a deep gold. The name does not belie this species, but, unfortunately, the odour is not appealing. It should not, therefore, be planted too close to a path.

In the same group may be included the popular Harison's Yellow, a double form, and Persian Yellow, a double, too, but not so pleasing as Harison's. These Roses produce blossoms very early in the season, and are most attractive.

From Japan comes *Rosa rugosa* with its many hybrids. These are particularly hardy and produce attractive blossoms with a very sweet perfume during the summer. Many have large, orange-red hips which are quite prominent in autumn and winter. Conrad F. Meyer is a very pleasing large pink. My plant of this variety was retarded by the severe winter of 1934. Among the shrubbery on the Ontario Agricultural College grounds most of the varieties stood the winter well, such as Mme. Georges Bruant (white); Mrs. Anthony Waterer (deep crimson); Nova Zembla (white) and Turke's *rugosa* Samling (orange-yellow with pink tones). In this group, F. J. Grootendorst is sometimes included. It is a cross between *rugosa* and *R. polyantha* hybrid, and produces large clusters of deep red, small, fringed, carnation-like flowers. The growth is typical of *R. rugosa*. There is also a pink variety. Both are very free, perfectly hardy, persistent in blooming habit, but scentless. Some growers bud the two

varieties on the one stock, but I prefer separate colours on separate bushes. Typical of *R. rugosa*, the forms seem immune from diseases and insect pests. The Canadian born variety, "Agnes," ought to be planted extensively. It has a pale amber colour, and is fragrant. It is a cross between *rugosa* and the Persian yellow briar. Among the newer Hybrid *Rugosas* the varieties Dr. Eckener and Golden Dream are deserving of consideration.

From China has come *R. hugonis*, which is large, single, yellow and sweet scented, followed by red hips. It blossoms among the first of the rose season on the College grounds. The foliage is small and lacy. The *R. moyesi*, also from the Orient, has tall, erect growth and fern-like foliage, followed by yellowish-apricot hips. At the lips of the shoots there appear very large single blossoms of a deep velvety red, with an impressive circle of yellow stamens. These, in the gardener's vernacular, are most showy. This species is well adapted as a background shrub, and should be featured as such. The severe winter of a year ago cut the specimen back in my garden.

By way of purplish and red-coloured foliage and twigs, *R. rubrifolis* produces an interesting effect in a border, as a plantation shrub. It is reliably hardy.

There are the *R. polyantha* hybrids which have among them several erect, bushy forms, free-blossoming and well suited for shrubbery, such as Else Poulsen, a beautiful semi-double, rosy-pink; D. T. Poulsen, a bright velvety deep crimson, semi-double flowers with small, white centres; and Kirsten Poulsen, a single light scarlet. These hybrids would make delightful hedges, as they grow over two and a half feet high.

The pillar Roses may be used for shrubbery effects, so, also, may the rambler forms. Supports would be necessary to bring about the most effective display of blossom. Even for hedges these types are sometimes featured.

The Bourbon, *R. borbonica*, which might be considered in these parts, would be Zephyrine Drouhin, with fascinating rose-pink blossoms, delightfully perfumed, and its lovely sport, Kathleen Harrop, of lighter shade. Both are thornless. At times support is needed, but in the College rose garden, as well as in my own, they form spreading bushes. Often the pretty blossoms of these types follow along during the entire summer.

A Rose from the United States, Dr. E. M. Mills, has proved most effective and hardy at the Ontario Agricultural College. It deserves every recognition as a large, free-flowering shrub, or pillar form. It is reckoned to possess *R. hugonis* and *R. rugosa* blood. Hence its hardiness and the primrose and pink tones in the blossoms.

For the rockery there is *R. alpina*, or *R. Pendulina*. These have pink blossoms, two inches across, with nodding lips and scarcely any prickles. A variety, *pyrenaica*, is dwarf and has bright reddish fruits. Dr. L. H. Bailey mentions a hybrid of this species, with bright red blossoms. It is called *Malyi*, and is said to be extremely beautiful.

The moss Roses, *R. muscosa* in several varieties, once on the College grounds, were most delightful, and proved hardy with covering during winter. If only out of sentiment, these Roses should be given consideration as a group in a border, or even on the lawn.

The writer is conscious of having omitted, perhaps purposely many Rose species and hybrids from the Orient and from Europe. It is not because I don't admire these forms and would be glad to see more of them in Canada, but because I hesitate to write of them without further experimentation and testing. I would like to see on the grounds of the Agricultural College and elsewhere more extensive collections of shrub types; for they are unexcelled in beauty of blossom, foliage, twigs and fruit, besides possessing habits of growth for woodland, border and shrubbery.

The roses red upon my neighbor's vine
Are owned by him, but they are also mine;
His was the cost, and his the labor, too,
But mine as well as his the joy, their loveliness to view
They bloom for me, and are for me as fair
As for the man who gives them all his care,
Thus I am rich, because a good man grew
A rose-clad vine for all his neighbors' view.
I know from this that others plant for me,
And what they own, my joy may also be;
So why be selfish, when so much that's fine
Is grown for you, upon your neighbor's vine?

—Selected

ROSE NOVELTY COMMENTS

A. J. WEBSTER—Season 1934

Aureate, H. Per. (Dickson, 1932).—While the promise of the charming buds is not borne out in the developed blooms, yet I find this Rose very satisfying, particularly when grown as a standard. Its foliage is more beautiful than I have previously seen on a Rose plant and I consider the variety desirable for that reason alone.

Catherine Kordes, H.T. (Kordes, 1931).—Despite an unfavourable season, this Rose has again performed in a satisfactory manner. The colour lacks lustre and fragrance is absent but otherwise I have no criticisms to record.

Colonel Sharman Crawford, H.T. (Dickson, 1934).—First season results were disappointing, but final judgment must be withheld as early-season moisture conditions were unusual in 1934. The colour, while rich and pleasing in the buds and young blooms, soon developed purple tints which rendered the developed blooms unattractive. The growth was only fair but the fragrance was powerful.

Comtesse Vandal, H.T. (Leenders, 1932).—This Rose appears to be somewhat temperamental inasmuch as it varies widely in its behaviour in different locations. It neither grows nor blooms well for me nor for some of my friends in the Toronto district, but at Guelph in The Rose Society of Ontario Test Garden it is magnificent.

Conqueror, H. Per. (Dobbie, 1929).—This variety has done exceedingly well in the dry season of 1934, and there has been no trace of black-spot with which it was afflicted in 1933. The growth has been excellent and the well-formed, buff-apricot blooms were produced freely on long stems.

Daisy Bud, H.T. (Dickson, 1933).—This impresses me as a satisfactory Rose for bedding purposes, producing very freely its well-shaped little blooms on sturdy, bushy plants. The colour tones are somewhat similar to those of Edith Nellie Perkins, although, possibly, somewhat darker in all stages of development. The variety also has the virtue of scent.

Dr. H. Hawkesworth, H.T. (Bees, 1928).—This Rose ranks third in my estimate of red Hybrid Teas,—only Etoile de Hollande and W. E. Chaplin surpassing it. It has vigour, health, floriferousness, rich colour and pleasing fragrance, my only criticism being that the blooms are smaller than one might reasonably expect on the long stems.

Duquesa de Penaranda, H. Per. (Dot, 1932).—In my opinion this is one of the finest of the recent introductions, and its behaviour at The Rose Society of Ontario's Test Garden corresponds with that in my own garden.

Edith Krause, H.T. (Krause, 1931).—This variety does not bloom sufficiently freely to be of much use except to the exhibitor.

Editor McFarland, H.T. (Mallerin, 1932).—My experience of the past season has not altered my previously-expressed opinion that, while the growth is satisfactory, the colour lacks distinction. It is a good Rose in many respects but it fails to accelerate my heart action.

E. J. Ludding, H.T. (Van Rossem, 1931).—The early-season blooms were of splendid form and substance, and of sparkling colour, but the variety is entirely too "shy" to achieve wide popularity.

Etoile d'Or, H. Per. (Pernet Ducher, 1932).—The results in 1934 were not equal to those of 1933, this variety evidently showing a tendency to sulk in a dry season.

Flamingo, H.T. (Dickson, 1929).—A bright, cheery, free-blooming decorative Rose which has been very lovely. The open blooms lose some of the brilliance which characterizes the buds, but nevertheless, they are never unattractive. The scent, also, is powerful.

G. Michel, H. Per. (Felberg-Leclerc, 1931).—Another of life's disappointments.

Gipsy Lass, H.T. (Dickson, 1933).—A garden decorative Rose of considerable merit. The crimson colour is well maintained regardless of weather conditions and the fragrance is very sweet. The necks of the stems, however, appear to be weak.

Gotha, H.T. (Krause, 1933).—The colour of the buds is somewhat similar to that of Emma Wright but the growth has been weak and the blooms few in number.

Grenoble, H.T. (Mallerin, 1927).—This Rose did not bloom freely, and, while the blooms were full and of approved form, their colour was dull and uninteresting.

Grenadier, H.T. (Dickson, 1930).—Dwarf and bushy in growth this Rose is almost constantly in bloom and the colour is bright. I consider it an ideal bedding type but I do wish it had fragrance.

Heinrich Wendland, H.T. (Kordes, 1931).—My favourable impression of last year with respect to this Rose has been confirmed by its performance in 1934. The colour is very striking, the growth excellent, and the form pleasing. It seems to have all the attributes desirable except fragrance.

J. C. Thornton, H.T. (Bees, 1928).—This variety produces freely beautifully-shaped, crimson blooms which hold their distinctive colour well. Its faults are occasional weak stems and absence of fragrance.

Leon Chenault, H.T. (Pernet Ducher, 1932).—Said to be an improvement on the old favourite, Mme. Abel Chatenay, Leon Chenault has been a heartache to me. The first-year growth has been fair, but the blooms were of poor quality and were produced very sparsely. I shall give it further trial, however, before discarding it.

Lilian, H.T. (B. R. Cant, 1931).—A very lovely yellow variety, light in the colour of the outside petals but deepening toward the centre. The blooms are full and of good form. The plants grow sideways, but nevertheless, I consider Lilian an important acquisition. It was awarded a Certificate of Merit in the Rose Society of Ontario Test Garden in 1934.

Lord Lonsdale, H.T. (Dickson, 1933).—Another yellow variety which seems to be very promising. The colour and form of the blooms leave no cause for complaint but I should like to see more vigour.

Louise Krause, H.T. (Krause, 1930).—While the blooms are pleasing in form they lack colour distinction and are too few in number. I prefer Max Krause.

Lucile Rand, H.T. (Pernet Ducher, 1930).—Sturdy in growth, and floriferous, the blooms of this Rose are somewhat coarse in appearance although they are very lasting. The orange-carmine colour has considerable "fire" in it but the effect is offset by a certain untidiness of form.



LILIAN (H.T.)



Lucie Marie, H. Per. (Dickson, 1930).—The plants are reliable in growth, health and hardiness, but the blooms, while of attractive colour at times, are usually of poor form.

Mme. Jules Guerin, H.T. (Pernet Ducher, 1932).—One year's experience indicates that this will be a fine exhibition Rose when established. The large, full and shapely blooms of pale yellow colour are produced only sparsely on plants of moderate vigour. The stems might well be stronger.

Mme. Nicholas Aussel, H.T. (Pernet Ducher, 1931).—Once again this variety has given excellent results, particularly in the early portion of the season. The colour of buds and young blooms immediately arrests the eye but some of the brilliance disappears as the blooms develop. The sprawling habit of growth is the chief defect.

Mme. Raymond Gaujard, H. Per. (Pernet Ducher, 1931).—My report of last year applies once again,—startling colour but lack of substance in the blooms and weak growth in the plants.

Madge Wildfire, H.T. (Dobbie, 1932).—The blooms are very attractive in colour and form in their early stages but they fade badly with age. The petals are of heavy texture and the blooms last well either when cut or allowed to remain on the plants. They are also delightfully scented. Mildew made its appearance in the latter part of the season.

Marguerite Chambard, H.T. (Chambard, 1928).—My high regard for this Rose has not diminished as a result of one more season's experience, but I should like it to bloom more freely. The fragrant blooms are invariably of high quality and are held aloft on long stems.

Max Krause, H.T. (Krause, 1931).—The blooms of Max Krause are very pleasing in every respect but they are not produced sufficiently freely to admit of recommendation of the variety for general garden purposes.

McGredy's Peach, H.T. (McGredy, 1933).—A lovely decorative Rose, reminiscent of Amami or W. A. Bilney, but somewhat more colourful than either. The colour might be described as a soft, yellowish-salmon.

McGredy's Scarlet, H.T. (McGredy, 1930).—I still adhere to my first impressions regarding this Rose: strong, erect growth; floriferous; form acceptable; colour variable, usually poor; scent absent.

McGredy's Yellow, H.T. (McGredy, 1933).—A strong-growing variety which produces its pale yellow blooms of good form with remarkable freedom. With generous fertilization and reasonable disbudding the blooms can be quite up to exhibition standards.

Memory, H.T. (B. R. Cant, 1933).—Memory leaves me with unpleasant recollections of bluish-magenta colour tones, untidy form, and black-spot.

Night, H.T. (McGredy, 1930).—History continues to repeat itself, and each year Night commences the season's work with a wave of enthusiasm but quickly becomes exhausted, producing very little autumn bloom. It has much of the blooming habit of what I suspect to be its H.P. parent, Prince Camille de Rohan.

Portadown Fragrance, H.T. (McGredy, 1931).—This Rose has impressed me very favourably, producing freely its well-shaped, sweetly-scented blooms in crops throughout the season. The salmon-pink colour is brightened with an undertone of orange at the base of the petals.

President Jac Smits, H.T. (Verschuren, 1928).—A vigorous, free-blooming, and eminently satisfactory decorative Rose. The blooms are little more than semi-single but the rich colour and the strong growth impart value to the variety as a garden subject. I cannot agree with Mr. Nicholas that it is tender in winter, as my plants of it all survived the 1933-4 winter when many, many others in my garden failed to do so.

Ruby Manwaring, H.T. (Longley, 1932).—A darker sport of Betty Upchurch which, thus far, has failed to show the vigour of the older variety.

Shirley, H.T. (Dickson, 1933).—The colour is a combination of orange, yellow and carmine, but the blooms produced to date have been of poor quality and the growth has been weak. These are first-year results only, and I shall give the variety further trial.

Sir Henry Segrave, H.T. (Dickson, 1932).—It is difficult to exercise a proper degree of restraint in commenting upon this superb Rose. The substance and lasting qualities of the blooms, together with their perfection of form and clean, chaste colour, added to the sound constitution of the plant and its productiveness, all combine to make Sir Henry Segrave my choice of the introductions of the past five years.

Simone Guerin, H. Per. (Mallerin, 1932).—The colour—about the shade of a carrot—is very intriguing, and the buds are shapely, but the open blooms lack substance and the growth is only fair. I am hoping that in a more favourable season the plants may show more vigour.

Soeur Therese, H.T. (Gillot, 1930).—The buds,—yellow with scarlet,—are delightful but the open blooms are much less interesting and the brilliance of bud colour soon disappears. The plants are vigorous and the blooms are freely produced on long stems but the foliage is somewhat sparse.

Southport, H.T. (McGredy, 1933).—While the blooms are small in size they are freely produced on satisfactory plants. The colour is a brilliant scarlet and is well maintained. Scent is absent but Southport will be wanted because of its startling colour.

Westfield Scarlet, H.T. (Morse, 1931).—This is said to be a sport of Lady Inchiquin and it failed to accomplish anything of importance in its first year. I shall reserve judgment.

W. E. Chaplin, H.T. (Chaplin, 1929).—I still think very highly of this Rose, which, under distinctly unfavourable circumstances, has continued to be very impressive. My chief criticism is the absence of scent.

William Orr, H.T. (McGredy, 1930).—This Rose has consistently failed to grow satisfactorily or bloom freely in my garden although I have observed it apparently happy elsewhere.

THE 1934 ROSE SEASON IN BRITISH COLUMBIA

*By George Nunn

The Winter of 1933-4 was probably the mildest we have had for several years. Spring planting was done in February, and pruning, owing to the early growth, had to be done about the middle of March instead of at our usual time—the end of March, or beginning of April. I think, perhaps, it was the first year that we had Apple Blossoms, Tulips and Roses out at the same time. We picked our first Roses on the 21st of April, and at the time of writing, the end of November, we have a beautiful Bowl of Roses on our table. Our bushes, owing to the unusually mild winter, did not get very much rest, with the result that, although we had some wonderful blooms, they did not have the usual lasting qualities. From observations of several gardens, Black Spot seems to have been more prevalent than for several seasons, although we did not have as much mildew. I agree with several English authorities that the use of wood ashes in the garden is beneficial in checking mildew. Having a fondness for yellow Roses I may be forgiven on giving them preference in my comments. There is a real thrill in trying out new varieties; some are disappointing while others grow beyond our expectations. Two Roses which have been big disappointments are Desmond Johnston and Lord Rossmore. I have given them two chances but this year out they go.

Pres. Chas. Hain (Amelia Earhart).—I think that perhaps this has been the most outstanding Rose this year with me. It has been a constant bloomer all season, producing blooms of wonderful size and colour.

Comtesse Vandal—This Rose has lived up to its reputation and will be wanted by all Rose lovers.

Mrs. Beatty—While not a new Rose I am convinced that this is one of the best yellow Roses grown both for garden or Exhibition purposes. I understand that it is not well regarded in the Eastern Provinces and States.

Delightful—I think that this Rose is well named, being delightful in every respect, and, I think, an improvement over Cherry.

*Vancouver, B.C.

Max Krause—A beautiful orange yellow Rose, which has done very well and which is a very useful Rose for the Show Box.

Sir Henry Segrave—While I had a few nice blooms, I am a little disappointed with this Rose. I think perhaps it will do better another season.

Olympiad (Mme. Raymond Gaujard)—This Rose, a long pointed oriental scarlet, has won a place in our hearts, it having produced some wonderful blooms. While not a vigorous grower, it makes a good addition to any collection.

Mrs. Geo. Geary—I think that this Rose is an improvement over Lady Inchiquin, and it has produced some wonderful show blooms.

Amber—A beautiful decorative Rose which has been a wonderful bloomer with us. It makes a fine buttonhole Rose.

McGredy's Scarlet—Very satisfactory. A vigorous grower and particularly good in the autumn months.

Wm. Orr—A beautiful dark red Rose, and a decided acquisition to the Show Box.

Mrs. Sam McGredy—One of the finest varieties introduced in recent years. Very satisfactory, wonderful bronze foliage and useful for decorative or exhibition purposes.

Dainty Bess—This Rose, while not new, has been a constant bloomer. Its large petals make it a wonderful variety for decorative purposes.

President Herbert Hoover—This Rose has bloomed exceedingly well this season, producing large blooms on long, straight stems.

Canary—A beautiful free-blooming yellow Rose, which makes a nice addition to any collection.

Trigo—This Rose has been particularly good this season. It is yellow with apricot centre, and has bloomed very freely.

Frau. Felix Tonner—This Rose does not seem to be mentioned in our catalogues, but I do not know any variety that has a more delightful perfume and it is a wonderfully free-blooming Rose,—a salmon pink of the Ophelia type.

Winter Protection.—We are very fortunate on the Coast. All we have to do is to mound up the Rose Bushes with 6 to 8 inches of earth, which is taken away in spring by degrees. A mistake made by many people here is to smother the bushes with manure, and with our warm winter rains this results in fertilizing the Roses when they should be dormant.

PRAIRIE ROSE NOTES

By H. W. Stiles*

During the past season we suffered a severe loss in losing Mr. H. Hollands by death, and we deeply deplore his passing. He did much to make the Rose such a popular flower in this city.

Like our friends in the East, we suffered heavy losses last winter. My own loss was about 52 per cent. Furthermore, our spring was very unsuitable for new stock.

Usually I plant new material about May 1st, and cut bloom from them about June 17th; but this year we were able to plant in April, yet the season was so unfavourable that no bloom could be cut until July. There appeared, however, to be a better class of bloom shown at our exhibition in August. It was also gratifying to note more entries and new competitors.

But the season was brought to a sudden and tragic end for, on the night of August 23rd, we had between 15 and 20 degrees of frost, which singed all young growth and definitely closed the blooming season. Since then we have had some fine weather, with warm, sunny days; so I am hoping that the season's wood will have ripened better than in previous years.

The question of winter protection is our greatest problem, here, and several Rose growers, including the writer, are adopting an entirely new method. We have lifted all our plants and placed them in pits about two feet deep, putting plenty of soil about the roots, and covering the exposed foliage and wood with material which is both wind-proof and water-proof. We also added additional soil at the base to keep the material in place, and finally covered with spruce branches.

It seems that most of our winter killing is due to the bitter winds which occur when the temperature is around 30 degrees below zero. So we are hoping that the new method will overcome this difficulty.

The longer I grow Roses in this western country the more I am convinced that we should stick to many of the old Hybrid Perpetuals, as they are much hardier. While the blooms are not quite so numerous, and not up to to-day's show bench standards, yet they last much longer, either cut or left on the bush, and the fragrance of many is delightful.

*Of Edmonton, Alberta.

Black spot and mildew do not cause us much concern. In fact, I have not seen a touch of mildew on my plants for over five years—possibly due to the fact that I use wood ashes freely in the fall of each year. There was a little rust last season, and the rose curculio was busy for a few days, but generally we have not much cause for worry in this regard.

Among my own few plants the following gave very good results:

Anne, Dr. A. I. Petyt, Emma Wright, Comtesse Vandal, Mme. P. S. du Pont, Julien Potin, J. Otto Thilow, Dorina Neave, Portadown, Polly, Edith Nellie Perkins, Rev. F. Page Roberts, Feu Joseph Looymans, Mrs. John Laing, Paul Neyron, and Violet Simpson.

I am expecting to add about 50 of the newer varieties to my collection next year, and am hoping that I may be able to send along some interesting items concerning them.

ROADSIDE FLOWERS

"We are the roadside flowers,
Straying from garden grounds,
Lovers of idle hours,
Breakers of ordered bounds.

If only the earth will feed us,
If only the wind will be kind,
We blossom for those who need us,
The stragglers left behind.

And lo, the Lord of the garden,
He makes His sun to rise,
And His rain to fall with pardon
On our dusty paradise.

On us He has laid the duty,
The task of the wandering breed,
To better the world with beauty,
Wherever the way may lead.

Who shall inquire of the season,
Or question the wind where it blows?
We blossom and ask no reason;
The Lord of the Garden knows.

—Bliss Carman

NOTES FROM NEW BRUNSWICK

*By Arthur McF. Limerick

The winter of 1933-34 was a very favourable one in this district. The snow fell early and covered the garden to a depth of several feet before the frost had had an opportunity to go deeply into the ground. Although many days of sub-zero weather were experienced no mid-winter thaw set in, as is usual in January, and the snow remained, deeply blanketing the earth all winter. The spring found every bush living, but several failed to survive the summer, starting growth and then dying back in spite of care.

The 1934 season proved an exceptionally dry one here as elsewhere and recourse was had to the use of the hose. Mildew never developed and Black Spot appeared only slightly at the end of the season, due mainly to a discontinuance of systematic spraying. I tried out the new Triogen spray and found it satisfactory, although possibly a little expensive if used continuously. Due to the dryness of the season I used it only occasionally during the summer months, spraying mainly with Nicotine Sulphate.

Aphids were very much in evidence as usual, multiplying rapidly on the slightest lack of attention, but damage from them was slight as control is relatively simple. On the other hand the tarnish plant bugs, appearing mostly in August and September, were far more difficult to control, and spoiled the appearance of many blooms before they could be detected. No really effective means of control of these pests is known as yet, the only method of combatting them being by spraying the buds frequently with Nicotine Sulphate, which acts not merely as an insecticide but also as a repellent, thus keeping the blooms fairly free from infestation.

The season here may be regarded as a successful one, although the results were not equal to those of the previous year. I tried out several new varieties and was pleased with most of them. Comtesse Vandal, which I have grown for two years, is one I would not be without; Sir Henry Segrave, another Test Garden recommendation, was also good, the buds a little on the small side, but quite long and shapely, and opening well to a very pretty ivory yellow. I am hoping to see it produce larger blooms this year. Madame Raymond

Gaujard (Olympiad), a large, beautifully coloured Rose, having a glowing richness which I have seen in few others; Heinrich Wendland and Viktoria Adelheid, both striking blooms and quite satisfactory; President Herbert Hoover, a fine shade of buff with an outer ring of cerise petals,—one of the largest blooms in the garden when fully open although not fully double, showing its stamens when wide open; E. J. Ludding and Charles P. Kilham, also good but not outstanding. Southport looked promising, the colour rich and the texture velvety, but the blooms rather small. An older variety which did exceptionally well, better than I have seen it hitherto, was Madame Edouard Herriot, which formed a tall, shapely bush giving me fifty-five blooms. It is certainly well worth growing as is the newer Golden Dawn. Talisman did poorly, being variable in colour although generous in the number of blooms. Other disappointments were Rev. F. Page Roberts and Betty Uprichard, old standbys which can be very fine, and which have been so for me in other years. Others which were good were Ophelia, Polly, Lady Pirrie, Gaiety, Autumn, Dame Edith Helen, Duchess of Atholl, Westfield Scarlet and The General. Radiance and Killarney were both poor, especially the former, which has never been satisfactory with me. Healthy and usually in bloom, its blooms are of cabbage shape and they fade quickly to a very ugly, bluish shade. Mrs. John Laing is another which I am discarding, it being straggly in growth and its blooms having no special merit. I cannot close the list without a word for my old friend, General MacArthur, now well on into his seventh year, but still going strong and giving me eighty or more well-shaped blooms each year. My best bloomer, however, was a bush of the Hybrid Perpetual, Captain Hayward, carrying one hundred and thirty-seven blooms last season.

Among the Climbers which I have tried are Blaze and The New Dawn. Blaze has not done well as yet, taking two years to become established, but I hope, if it comes through the winter in good condition, to see it live up to its reputation. The New Dawn, on the other hand, has performed splendidly, both bushes planted two years ago being exceptionally healthy and vigorous. They were never out of bloom from late June until the arrival of the first killing frost. The blooms, moreover, make as good cut flowers as many of the Hybrid Teas.

In conclusion, let me say just a word for the Polyanthas. One of the pleasant spots of our garden is a hedge of Gloria

Mundi, bordering a path at the rear of the garden. They are continuously in bloom and seem perfectly hardy, although they do not live up to their promise of being sunworthy.

*Editor's Note.—It is suggested that those who admire the colour of Gloria Mundi but deplore its inability to remain attractive throughout the various stages of development try the newer Gloire du Midi.

ROSE NOTES

As a result of his own experiences of the past year, and also as a result of observations, conversations and correspondence, the Editor confesses that he set about the task of assembling material for the Year Book with a heavy heart. It was refreshing, therefore, to receive from Mr. F. J. Fuller, of Prince Rupert, B.C., an expression of entire satisfaction with the results of his efforts to grow good Roses in 1934. Mr. Fuller describes the season as the best in a long time, with no mildew or Black Spot, and with a winter mortality of only five bushes. The average quality of his bloom was higher than usual and the blooming season extended until 15th November. We congratulate and envy Mr. Fuller.

TO OUR MEMBERS:

It is very doubtful if our Annual in this size could be produced were it not for the co-operation of the advertisers. But they advertise not only to support The Rose Society of Ontario but to procure business from our members. That is the reason behind all advertising.

We ask, therefore, that you bear these firms in mind when compiling your list of garden requirements. They are high-class houses and will be happy to answer any questions you may ask with regard to their products. Where catalogues or other literature are available they will be glad to supply these. Thank you!

AND TO OUR ADVERTISERS:

We appreciate your co-operation and feel sure you will find in our membership a most appreciative and interested audience.

Thank you, too.

—Advertising Committee.

The Constitution

I. The members of the Society hereby constitute themselves The Rose Society of Ontario, the seat of which shall be at Toronto, where the Records and Library shall be kept.

II. The purposes of the Society are to study, cultivate and exhibit Roses, award prizes for cultivation, exhibition of and essays upon Roses and Rose Culture; to acquire a Library on Rose Culture and generally to further and encourage the cultivation and study of Roses.

III. The Society shall consist of its Members and such additional persons as shall from time to time be admitted to membership by the Board of Directors, on payment of the fees prescribed by the rules.

IV. The members of the Society shall elect by ballot from amongst themselves a Board of Directors, to consist of twenty members, of whom six shall form an Advisory Board, and such Board of Directors shall make rules, and perform all executive and administrative duties; and six shall form a quorum. The Board of Directors shall elect a President and four Vice-Presidents, who shall hold office for one year, and who shall be eligible for re-election.

V. The Board of Directors shall hold office for one year from the date of their election, and until their successors shall be elected, and all members thereof shall be eligible for re-election.

VI. The Board of Directors shall appoint a Secretary and a Treasurer, both of which offices may be held by one person, who shall hold office during the pleasure of the Board, and shall perform such duties as the Board may direct.

VII. Any member of the Board of Directors who shall be successively absent from three duly called meetings thereof, without the consent of the Board, shall thereupon cease to be a member of the Board, who may then proceed to fill the vacancy as hereinafter provided.

VIII. If any vacancy occurs in the Board of Directors, by the death, resignation or inability to act, of any of the members thereof, the other members of the Board may appoint another to fill his or her place, to hold office on the same terms as the other members of the Board.

IX. The members of the Society in any city or town or other district of Ontario to be defined by the Board of Directors, may, with the approval of the Board, appoint a committee for such city or town or other district, and may elect a presiding officer thereof, to be called the (name of the city, town or district) Vice-President, for the management of such local affairs of the Society not inconsistent with the Constitution and Rules, as may be necessary, and members so acting may adopt the name of The Rose Society of Ontario (name of city, town or district) Branch.

X. Exhibitions shall be held in Toronto, and may be held at other points in Ontario, at times to be decided upon by the Board of Directors, and prizes may be given at such Exhibitions.

XI. All competitions for prizes shall be divided into the following classes:—

Class 1.—Professional.—Comprising all such persons or corporations as carry on the trade of growing and selling flowers.

Class 2.—Semi-Professional.—Comprising all persons who do not grow flowers for profit, but who keep gardeners, not otherwise employed.

Class 3.—Semi-Amateur.—Comprising all persons who do not grow flowers for profit, but who have the occasional assistance of gardeners in the cultivation of Roses, not solely employed by themselves.

Class 4.—Amateur.—Comprising all those persons who do not grow flowers for profit, and who cultivate Roses without the assistance of skilled gardeners, but who may employ a labourer.

Class 5.—Novice.—Comprising amateurs who have never exhibited before.

NOTE:—Amateurs and Semi-Amateurs may compete in the Professional and Semi-Professional classes, but the Professionals and Semi-Professionals may not compete in the Amateur and Semi-Amateur classes. XII. The Constitution may be changed in any respect by a two-thirds vote of the members present at any annual meeting of the Society.

XIII. A general meeting of the members of the Society shall be held at such place in the City of Toronto as the Board of Directors may appoint, in the month of December each year, on such day as the Board shall appoint for the purpose of receiving a report from the Board of all matters of interest and business during the preceding year, and for all other general purposes relating to the management of the Society, and at such meeting, a full statement of the finances of the Society for the year shall be submitted by the Board. Notice of such annual meeting shall be mailed to each member of the Society not later than ten days before such a meeting shall be held.

XIV. A special meeting of the members of the Society may be called by the President at any time, or such a special meeting shall be held upon the written application to the President of not less than twenty members of the Society, to consider any specified business. The President shall at the first ensuing meeting of the Board of Directors lay such application before the meeting and the Board shall appoint a date for such special meeting to be held within the succeeding two weeks at some place in the City of Toronto, and the members shall be notified by mail not later than ten days before such a meeting shall be held.

XV. The Board of Directors may elect from among the members of the Society, in recognition of outstanding services, an Honourary President and four Honourary Vice-Presidents, each to hold office for one year and be eligible for re-election. The Honourary President may be a member of the Board of Directors ex-officio.

Rules of the Rose Society of Ontario

1. The subscription to The Rose Society of Ontario shall be one dollar per annum for ordinary members, and five dollars for sustaining members, payable in advance on the date of the annual meeting, and not later than the first day of January of each year.

2. The Rose Society's year shall end on 30th November in each calendar year and the accounts shall be made up as at that date for presentation to the annual meeting.

3. Any member may, upon payment of twenty-five dollars (\$25.00) be declared a Life Member.

4. The Board of Directors may form such committees as may be necessary for the transaction of business.

5. Lectures and instructions upon Roses and their culture shall be given under the auspices of the Society, at such times and places as the Board of Directors may determine.

6. The Board of Directors shall have power to appoint such persons, not necessarily members of the Society, as may be necessary for arranging for the Exhibition.

7. Affiliation by Horticultural or other Rose societies may be granted upon payment of a fee of five dollars (\$5.00), or through membership. In the latter event to qualify at least ten members of the society applying for affiliation must be members of The Rose Society of Ontario. Affiliated societies are entitled to a silver medal from The Rose Society of Ontario for competition in the Rose sections of their local shows, provided, however, that there are at least three exhibitors in the competition for this medal.

8. The President may appoint a Nominating Committee whose duty it will be to prepare a list of twenty members who, from their interest in the Society, will undertake to act on the Board of Directors, and shall nominate the same at the General Meeting. These names shall be printed on a ballot slip, but such action of a Nominating Committee shall not prevent further alternative names being added by members by nomination at the General Meeting.

By-Laws

(Defining the duties of the officers and Board of Directors.)

1. Special meetings may be called at any time by order of the President, and may be called at the written request of five members, notice of which shall be sent to each member by mail, such notice to specify the business which is the occasion of the call. No business other than that mentioned shall be transacted at such meeting.

2. The hour of meeting shall be eight o'clock p.m., unless otherwise ordered by the President or Chairman.

3. It shall be the duty of the President to preside at all meetings of the Society, to enforce strict observance of the Constitution, Rules and By-Laws of the Society, to appoint all committees not otherwise provided for, to approve all orders drawn on the Treasurer for appropriations of money made and passed at a meeting of the Board of Directors, and to perform such other duties as his official charge may require of him.

4. It shall be the duty of one of the Vice-Presidents in the order of his seniority, to preside at all meetings of the Society in the absence of the President. If none are present the Society shall elect a president pro tempore.

5. It shall be the duty of the Honorary Secretary to keep correct minutes of the proceedings of the Society, to keep a list of all members, of the time and place of all meetings in such manner as may be directed, and advise them of all notices of motion in accordance with the Constitution. He shall receive and pay over to the Treasurer all moneys due and belonging to the Society, receiving receipt therefor, and shall draw and countersign all orders on the Treasurer, approved by the President. It shall be his duty to keep record of all meetings of the Board of Directors and each member's attendance at such meetings, and in his

annual report state the number of meetings held and how many each member attended. He shall also preserve all books, papers and other documents belonging to the Society, and upon retiring from office deliver all such to his successor. He shall perform all other duties usually pertaining to that office, and at the annual meeting render a complete report of the membership and condition of the Society.

6. The Treasurer shall receive from the Honorary Secretary all moneys, giving a receipt therefor, and pay them out only on an authorized order from the Secretary, approved by the Board of Directors, and countersigned by the President or nominee of the Board. He shall keep a proper record of his receipts and disbursements, subject to the inspection of the Society, and shall deliver to his successor all moneys, books and other property belonging to the Society which may be in his possession, and at the annual meeting or when otherwise required, he shall furnish a complete report of his office, producing vouchers for all moneys paid out. He shall furnish such bond for the faithful performance of his duties as the Board shall direct, the cost of same to be paid by the Society.

7. It shall be the duty of the Board of Directors to have full charge of the working interests of the Society; they shall aid the President in the management of the Society between its sessions, and shall report on such matters as may be assigned to them for consideration on a vote of the Society at its meetings.

8. All members of the Society who are in good standing shall be eligible for any office in the Society. The President, Vice-Presidents, Secretary, and Treasurer shall be ex-officio members of all committees.

9. Six Directors shall constitute a quorum for the transaction of business at any authorized meeting of the Board.

10. The member named first on any committee shall act as Chairman until another is chosen by the said committee.

11. Parliamentary usages shall be observed in all debates and discussions.

12. In the election of officers, a ballot shall be taken for the President and the Vice-Presidents, and it shall require a majority of the votes cast to elect each such officer, and when three or more candidates are nominated, the one receiving the lowest number of votes on each ballot shall be dropped from the list, until only two remain, or until one shall have received a majority of the votes cast. In balloting for Directors the twenty candidates receiving the highest number of votes shall be elected and all ballot papers used shall bear the stamp of the Society.

13. No person shall be elected to the office of President of the Society for more than two years in succession, and a period of two successive years shall intervene between any terms of office so held.

14. The President may appoint a Nominating Committee whose duty it will be to prepare a list of twenty members who, from their interest in the Society, will undertake to act on the Board of Directors, and shall nominate the same at the General Meeting. These names shall be printed on a ballot slip, but such action of a Nominating Committee shall not prevent further alternative names being added by members by nomination at the General Meeting.

15. By-Laws may be made, altered or repealed at a meeting called in accordance with the Constitution.

LIFE MEMBERS

Adam, Mrs. G. G.	Laidlaw, Miss Margaret C.
Aikins, Mrs. W. H. B.	Laidlaw, Mr. R. G.
Beardmore, Miss H. L.	Laidlaw, Mr. Walter C.
Bertram, Mr. H.	Lyon, Mrs. Walter H.
Board of Park Management, St. Catharines, Ont.	Lyon, Mr. Walter H.
Bristol, Mrs. Edmund	Mackendrick, Col. W. G., D.S.O.
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Burden, Mr. C. E.	McMichael, Mr. S. B.
Burgoyne, Mrs. W. B.	Miskelly, Mrs. William M.
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Cox, Mr. H. C.	Nerlich, Mr. Henry
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Dunbar, Mrs. Geo. E.	Patterson, Mrs. A. B.
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Jarvis, Miss Bertha	Williams, Mrs. H. H.
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	Wright, Mrs. Hedley

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Christie, Dr. G. I.	Thompson, Prof. R. B.
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cant Lots Garden Association,
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Eglinton District Horticultural
Association, Toronto, Ont.
Etobicoke Horticultural Society,
Islington, Ont.
Ford City Horticultural Society,
Ford City, Ont.
Guelph Horticultural Society,
Guelph, Ont.
Halifax Floral Association,
Halifax, N.S.
High Park Horticultural Society,
Toronto, Ont.
Kitchener Horticultural Society,
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Mimico Horticultural Society,
Mimico, Ont.

Ottawa Horticultural Society,
Ottawa, Ont.
Paris Horticultural Society,
Paris, Ont.
Roselands Horticultural Society,
Roselands, Ont.
Sandwich Horticultural Society,
Sandwich, Ont.
St. Catharines Horticultural
Society, St. Catharines, Ont.
St. Clair District Horticultural
Society, Toronto, Ont.
Vancouver Horticultural Society,
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Waterloo Horticultural Society,
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Welland Horticultural Society,
Welland, Ont.

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Addison, Miss Rhoda
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Dean, Mrs. M. E.
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Graham, Prof. R. R.
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Grier, Mrs. D. E. Monro
Grimshaw, Mr. J. R.
Gross, Mr. M. C.
Guelph Public Library
Guest, Mr. A. E.

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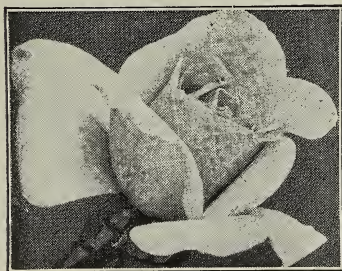
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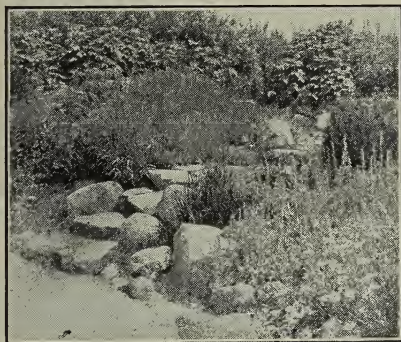
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